



# SANDHYA ENTERPRISES

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Rubber Water Suction & Discharge Hose, Heavy Duty  
Confirming to IS: 3549:1983,



Application: For dewatering and delivery purposes during deflooding, handling for waste water, sewerage and mud at maximum working pressure of 0.7, 1.0 and 1.5 MPa.

Type: Type 2 - Hose having smooth bore.

Construction:

- Lining** : Natural/synthetic/blend rubber compound lining for water and abrasion resistance.
- Reinforcement** : Reinforcement of rubber impregnated woven textile applied on bias at approx. 45° angle combination with galvanized steel wire.
- Cover** : Corrugated cloth marked finish outer cover made from natural rubber compound resistance to water, sunlight, UV rays, ozone, abrasion etc.
- End Connections** : Each hose length has soft ends for Clamping or can be supplied with built in nipple and flanges on request.

Pressures: W.P. of 0.7 MPa & min. B.P. of 2.1 MPa .  
 W.P. of 1.0 MPa & min. B.P. of 3.0 MPa .  
 W.P. of 1.5 MPa & min. B.P. of 4.5 MPa .

Nom. Bore in (mm)	Tolerance on Nom. bore (mm)	Min. Thk. of Lining (mm)	Min. Thk. of Cover (mm)	Min. Thk. of Filler (mm)	Length of Soft ends (mm)
25.00	± 1.25	2.00	1.50	1.00	80±5
31.50	± 1.25	2.00	1.50	1.00	80±5
38.00	± 1.50	2.00	1.50	1.00	80±5
45.00	± 1.50	2.00	1.50	1.00	80±5
50.00	± 1.50	2.50	1.50	1.00	80±5
56.00	± 1.50	2.50	1.50	1.00	80±5
63.00	± 1.50	2.50	1.50	1.00	80±5
75.00	± 2.00	2.50	1.50	1.00	80±5
100.00	± 2.00	3.00	1.50	1.50	105±5
125.00	± 2.00	3.00	2.00	1.50	145±5
150.00	± 2.00	3.00	2.00	1.50	145±5
200.00	± .00	3.50	2.00	2.00	145±5
250.00	± 3.00	3.50	2.00	2.00	145±5

W.P. :Working Pressure, P.P. : Proof Pressure, B.P. : Burst Pressure, 1MPa : 10.2Kgf/Cm<sup>2</sup> 1Kgf/Cm<sup>2</sup> :100KN/m<sup>2</sup>  
 Length : Mandrel made hose upto 15 mtr., Yarn braided hose in continuous long length.

